DECLARATION

I declare that the work embodied in this thesis, entitled “Studies on Xylanase Enzyme Production – Kinetics and Modelling” have been carried out by me under the supervision of Dr. T. Viruthagiri, Professor and Head, Department of Chemical Engineering, Annamalai University, Annamalai Nagar.

Investigations reported in this thesis have been carried out in the Bioprocess Engineering Laboratory, Department of Chemical Engineering, Annamalai University are original in approach to the best of my knowledge and have not formed part of any thesis previously submitted for the award of any Degree or Diploma.

In keeping with the scientific tradition, works done by others are only used for the sake of comparison to prove the efficiency of the methodology or as basis for the experiments that are carried out during the course of this research work.

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